INTERNATIONAL SEARCH REPORT

International application No.
PCT/US02/10994

A. CLASSIFICATION OF SUBJECT MATTER
IPC(7) : G06K 9/32
US CL : 382/299, 128
According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
U.S. : 382/299, 128, 294, 275, 260, 263, 280, 131

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
EAST, IEEE

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5,355,443 A (KIM et al) 11 October 1994, column 6, line 33-column 22, line 12.	1-55
A	US 5,073,858 A (MILLS) 17 December 1991, entire document.	1-55
A	US 6,208,765 B1 (BERGEN) 27 March 2001, column 1, line 62-column 3, line 62.	1-55
A	US 5,923,789 A (AVINASH) 13 July 1999, column 1, line 5-column 8, line 7.	1-55

☐ Further documents are listed in the continuation of Box C. ☐ See patent family annex.

* Special categories of cited documents:

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"P" document published prior to the international filing date but later than the priority date claimed

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Date of the actual completion of the international search	Date of mailing of the international search report
09 July 2002 (09.07.2002)	07 AUG 2002
Name and mailing address of the ISA/US Commissioner of Patents and Trademarks Box PCT Washington, D.C. 20231 Facsimile No. (703)305-3230	Authorized officer Yon Couso Telephone No. (703) 305-4760

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